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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James J. Finley
Appl. No.: 10/809,770
Filed: March 25, 2004
Title: SUBSTRATES COATED WITH MIXTURES OF TITANIUM
AND ALUMINUM MATERIALS, METHODS FOR MAKING THE
SUBSTRATES, AND CATHODE TARGETS OF TITANIUM
AND ALUMINUM METAL

Group Art Unit: 1762
Examiner: unassigned
Confirmation No. 7943
Docket No.: 1840A1

INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The documents listed on the attached Form PTO-1449 are brought to the attention of the United States Patent and Trademark Office with respect to the application identified above in accordance with the provisions of 37 CFR 1.56, 1.97, and 1.98 (copies of foreign patent documents and/or other citations enclosed).

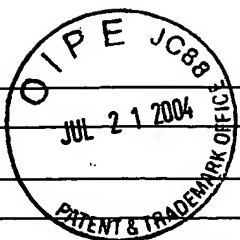
Respectfully submitted,

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Registration No. 30,803
Attorney of Record.

Andrew C. Siminerio
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Pittsburgh, Pennsylvania
July 19, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on <u>July 19, 2004</u> (Date of Deposit and Signature) <u>Diane Krokono</u> (Signature)



LIST OF CITATIONS BY APPLICANT (Use several sheets if necessary)	Atty. Docket No. 1840A1	Serial No. 10/809,770
	Applicant: James J. Finley	
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U.S. PATENT DOCUMENTS

Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
AA	3,660,361	5/72	Bach	260	78 R	
AB	4,055,407	10/77	Heithoff et al.	65	27	
AC	4,111,150	9/78	Donley et al.	118	7	
AD	4,320,155	3/82	Gillery	427	160	
AE	4,379,049	4/83	Bassett	209	464	
AF	4,466,562	8/84	DeTorre	225	2	
AG	4,512,863	4/85	Criss et al.	204	192 R	
AH	4,594,137	6/86	Gillery et al.	204	192 SP	
AI	4,610,771	9/86	Gillery	204	192.1	
AJ	4,671,155	6/87	Goldinger	83	886	
AK	4,716,086	12/87	Gillery et al.	428	630	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation Yes No
AL	95/29883	11/95	PCT			
AM	0 803 381	10/97	EPO (US equiv. 5,927,885)			X
AN	2,156,571	12/00	Canada			
AO						

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Sieger, J, "Chemical Characteristics of Float Glass Surfaces", JOURNAL OF NON-CRYSTALLINE SOLIDS, Vol. 19, pp. 213-220 (1975)
AQ	Columbin, L. et al., "Penetration of Tin in the Bottom Surface of Float Glass: A Synthesis", JOURNAL OF NON-CRYSTALLINE SOLIDS, Vol. 38 & 39, pp. 551-556 (1980)
AR	Williams, K. F. E. et al., "Tin Oxidation State, Depth Profiles of S-i2+-- and SnA--+ and Oxygen Diffusivity in Float Glass by Mossbauer Spectroscopy", JOURNAL OF NON-CRYSTALLINE SOLIDS, Vol. 211, pp. 164-172 (1997)

Examiner	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
SUBSTITUTE DISCLOSURE STATEMENT FORM (PTO 1449)

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Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	4,719,126	1/88	Henery	427	165	
	AB	4,719,127	1/88	Greenberg	427	165	
	AC	4,746,347	5/88	Sensi	65	94	
	AD	4,786,563	11/88	Gillery et al.	428	630	
	AE	4,792,536	12/88	Pecoraro et al.	501	70	
	AF	4,853,257	8/89	Henery	427	166	
	AG	4,861,669	8/89	Gillery	428	434	
	AH	4,900,633	2/90	Gillery	428	432	
	AI	4,920,006	4/90	Gillery	428	432	
	AJ	4,938,857	7/90	Gillery	204	192.27	
	AK	4,971,843	11/90	Michelotti et al.	428	34	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						

OTHER CITATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	U.S. Provisional Patent Application No. 60/458,819 filed March 28, 2003
	AQ	
	AR	

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Exam. Init.		Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	4,990,234	2/91	Szczyrbowski et al.	204	192.230	
	AB	5,170,291	12/92	Szczyrbowshi et al.	359	580	
	AC	5,240,886	8/93	Gulotta et al.	501	70	
	AD	5,296,302	3/94	O'Shaughnessy et al.	428	472	
	AE	5,320,729	6/94	Narizuka et al.	204	298.13	
	AF	5,328,768	7/94	Goodwin	428	428	
	AG	5,344,718	9/94	Hartig et al.	428	623	
	AH	5,376,455	12/94	Hartig et al.	428	428	
	AI	5,385,872	1/95	Gulotta et al.	501	71	
	AJ	5,393,593	2/95	Gulotta et al.	428	220	
	AK	5,417,827	5/95	Finley	204	192.28	

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	AL						
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Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if appropriate
AA	5,425,861	6/95	Hartig et al.	204	192.26	
AB	5,464,657	11/95	Athey et al.	427	255.5	
AC	5,492,750	2/96	Shumaker, Jr. et al.	428	192	
AD	5,532,180	7/96	den Boer et al.	437	40	
AE	5,584,902	12/96	Hartig et al.	65	32.4	
AF	5,599,387	2/97	Neuman et al.	106	287.14	
AG	5,927,885	7/99	Duez et al.	401	199	
AH	6/027,766	2/00	Greenberg et al.	427	226	
AI						
AJ						
AK						

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